PRODUCT INFORMATION

DYNASPHER FB300-P

INERT POLYMER

FOOD TREATMENT SOLUTION

DESCRIPTION

DYNASPHER FB300-P is a specific inert polymer used in the floating bed demineralization system.
Its cylindrical form prevents the blocking of the strainer due to the broken beads of the resin, consequently it reduces the pressure drops.

SYSTEM DESIGN

Floating bed / Blocked bed

PRINCIPAL APPLICATIONS

- Water, food, pharmacheutical applications

REGULATORY

- Codes Alimentarius – Inventory of Processing Aids – CAC/MISC3
- European Resolution AP (97) – 1 regarding the TOC (Total Organic Carbon) realeased according AFNOR method (method T90 – 601)

TYPICAL PACKAGING

- 1 ft³ Sack
- 25 lt Sack
- 5 ft³ Drum (Fiber)
- 1 m³ Supersack
- 42 ft³ Supersack

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TYPICAL CHARAPTERISTICS

PHYSICAL AND CHEMICAL PROPERTIES

Polymer structure	Polypropylene
Colour and physical form	Colourless uniform cylinders
Paricle size range	Diameter 1,2 – 1,5 mm Length 1,4 – 1,5 mm
Max operating temperature	100 °C
Solubility	Insoluble in common acids and bases
Shipping density	500 g/lt approx

CUSTOMER NOTICE

STORAGE

It is recommended to store ion exchange resins at temperatures above the freezing point of water under roof in dry conditions whithout exposure to direct sunlight. If resin should become frozen, it should not be mechanically handled and left to thaw out gradually at ambient temperature. It must be completely thawed before handling or use. No attempt should be made to accelerate the thawing process.

DISPOSAL

In the European Community Ion exchange resins have to be disposed, according to the European waste nomenclature which can be accessed on the internet – site of the European Union.

TOXICITY

The safety data sheet must be observed. It contains additional data on product description, transport, storage, handling, safety and ecology.

WARNING

Oxidizing agents such as nitric acid attack organic ion exchange resins under certain conditions. This could lead to anything from slight resin degradation to a violent exothermic reaction (explosion). Before using strong oxidizing agents, consult sources knowledgeable in handling such materials.

For additional praticle size information regarding recommended minimum bed depth, operating conditions, and regeneration conditions for Layered or Mixed bed, please refer to our tecnical dept.